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30698

7590

11/17/2004

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 MSFC, AL 35812

03/14/2005 LWONDIM2 00000113 140116 09877801

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Lisa R. Hughes

(Depositor's name)

Lisa R. Hughes

(Signature)

2/11/05

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/877,801	06/06/2001	Andrew S. Keys	MFS-31565-1	1358

TITLE OF INVENTION: PHASE MODULATOR WITH TERAHERTZ OPTICAL BANDWIDTH FORMED BY MULTI-LAYERED DIELECTRIC STACK

Void date: 03/14/2005 LWONDIM2

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AN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

\$1370

\$300

\$1670

02/17/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
MOONEY, MICHAEL P	2883	385-002000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 James J. McGroary

2 Ross F. Hunt, Jr.

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, this document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

United States of America as represented
 by the Administrator of the National Aeronautics
 and Space Administration

Washington, D.C. 20546

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☒ Government

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☒ Issue Fee☐ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies 7

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5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Date

Typed or printed name Jerry L. Seemann

Registration No. 33,454

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